

IN THE CLAIMS

Please amend the pending claims as follows:

1. (Original) An automated service handoff system, comprising:
a service registry including a list of available services;
a mobile device associated with a current location, wherein the mobile device includes a list of preferred services, wherein the mobile device is capable of sending a query including a service location associated with the current location and at least one selected member of the list of preferred services to the service registry, and wherein the mobile device is capable of receiving a response to the query from the service registry including at least one selected member of the list of available services; and
a location determination module capable of determining the current location of the mobile device and capable of being communicatively coupled with the mobile device.
2. (Original) The automated service handoff system of claim 1, wherein the service registry is an extensible markup language-based registry.
3. (Original) The automated service handoff system of claim 1, wherein the list of available services includes a service provider, a service type, and a service location for the at least one selected member of the list of available services.
4. (Original) The automated service handoff system of claim 1, wherein the mobile device is capable of being bound to the at least one selected member of the list of available services.
5. (Original) The automated service handoff system of claim 1, wherein the location determination entity is included in the mobile device.

6. (Original) The automated service handoff system of claim 5, wherein the location determination entity includes a global positioning system receiver.
7. (Original) The automated service handoff system of claim 1, wherein the mobile device includes a memory in which a plurality of location signatures are stored.
8. (Original) The automated service handoff system of claim 1, further comprising:
a computer capable of being communicatively coupled with the mobile device and transmitting the list of preferred services to the mobile device.
9. (Original) The automated service handoff system of claim 1, further comprising:
at least one computer capable of publishing the at least one selected member of the list of available services to the service registry.
10. (Original) A mobile device, comprising:
a processor module;
a local memory communicatively coupled to the processor module and capable of storing a list of preferred services, a current location of the mobile device, and a previous location of the mobile device; and
a communications medium interface communicatively coupled to the processor module and capable of being communicatively coupled to a service registry for sending a query including a service location associated with the current location of the mobile device and at least one selected member of the list of preferred services to the service registry.
11. (Original) The mobile device of claim 10, further comprising:
a location determination module capable of determining the current location of the mobile device.
12. (Original) The mobile device of claim 10, further comprising:
a timer coupled to the processor module for determining a service query update interval.

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13. (Currently Amended) The mobile device of claim 10, further comprising:
a comparator coupled to the processor module to determine ~~for determining~~ whether a selected number of services are available for binding to the mobile device.
14. (Original) A method of automating service handoff operations, comprising:
determining a current location of a mobile device;
sending a first query including a service location associated with the current location and at least one selected member of a list of preferred services associated with the mobile device to a service registry;
receiving a response to the query from the service registry including at least one selected member of a list of available services maintained by the service registry; and
binding the at least one selected member of the list of available services maintained by the service registry to the mobile device.
15. (Original) The method of claim 14, further including:
determining that the mobile device has moved to a new current location; and
sending a second query including a service location associated with the new current location and the at least one selected member of the list of preferred services associated with the mobile device to the service registry.
16. (Original) The method of claim 15, wherein determining that the mobile device has moved to a new current location further includes:
storing the current location as a previous location;
determining the new current location of the mobile device; and
determining that the new current location is not the same as the previous location.
17. (Original) The method of claim 15, further including:
determining that a polling interval time period has ended.

18. (Original) The method of claim 14, further including:
storing a plurality of location signatures in a memory of the mobile device.
19. (Original) The method of claim 18, further including:
determining that the mobile device has moved to a new current location; and
recalling a selected one of the plurality of location signatures associated with the new
current location.
20. (Original) The method of claim 15, further including:
informing a user of the mobile device that the at least one selected member of the list of
preferred services associated with the mobile device is not available for use by the mobile
device.
21. (Original) The method of claim 20, further including:
binding an alternative available service to the mobile device.
22. (Original) The method of claim 14, further including:
determining that a quality of service associated with the at least one selected member of
the list of available services included in the service registry has degraded; and
binding an alternative available service to the mobile device.
23. (Original) The method of claim 22, further including:
retrieving the quality of service associated with the at least one selected member of the
list of available services.
24. (Original) The method of claim 23, wherein retrieving the quality of service associated
with the at least one selected member of the list of available services includes:
retrieving the quality of service associated with the at least one selected member of the
list of available services from the service registry.

25. (Original) The method of claim 23, wherein retrieving the quality of service associated with the at least one selected member of the list of available services includes:

retrieving the quality of service associated with the at least one selected member of the list of available services from a service provider associated with the at least one selected member of the list of available services.